

Title (en)

Automatic configuration of a neighbor cell list for a base station in a cellular wireless network

Title (de)

Automatische Konfiguration einer Nachbarzelle für eine Basisstation in einem zellularen drahtlosen Netzwerk

Title (fr)

Configuration automatique d'une liste de cellule voisine pour une station de base dans un réseau cellulaire sans fil

Publication

EP 2205023 A1 20100707 (EN)

Application

EP 08291260 A 20081231

Priority

EP 08291260 A 20081231

Abstract (en)

A method for automatically configuring a neighbor cell list, NCL, for a base station in a cellular wireless network, comprises receiving measurement reports for neighbor cells from a plurality of mobile stations. The reports are grouped by the neighbor cell with which each is associated. Neighbor cells are selected for inclusion in the NCL depending on the number of reports in their respective group.

IPC 8 full level

H04W 36/22 (2009.01)

CPC (source: EP KR US)

H04W 36/00835 (2018.08 - EP KR US); **H04W 36/0085** (2018.08 - KR); **H04W 36/22** (2013.01 - KR); **H04W 48/08** (2013.01 - KR); **H04W 48/16** (2013.01 - KR); **H04W 36/0085** (2018.08 - EP US)

Citation (applicant)

US 2007213086 A1 20070913 - CLAUSSEN HOLGER [GB], et al

Citation (search report)

- [XA] WO 2008032154 A1 20080320 - NOKIA CORP [FI], et al
- [A] US 2007213086 A1 20070913 - CLAUSSEN HOLGER [GB], et al
- [A] VODAFONE ET AL: "SON use-case: Automatic Neighbour Cell List Configuration", 3GPP DRAFT; R3-071957, 3RD GENERATION PARTNERSHIP PROJECT (3GPP), MOBILE COMPETENCE CENTRE ; 650, ROUTE DES LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS CEDEX ; FRANCE, no. Sophia Antipolis, France; 20071008, 4 October 2007 (2007-10-04), XP050162741

Cited by

WO2012016598A1; EP2615868A4; GB2508861A; GB2508861B; CN102665189A; JP2015524220A; EP2861018A4; US9398523B2; US9769719B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

EP 2205023 A1 20100707; EP 2205023 B1 20120208; AT E545299 T1 20120215; CN 102273266 A 20111207; CN 102273266 B 20141210; JP 2012514399 A 20120621; JP 5330542 B2 20131030; KR 101307180 B1 20130911; KR 20110110258 A 20111006; US 2011317576 A1 20111229; US 8780801 B2 20140715; WO 2010075990 A1 20100708

DOCDB simple family (application)

EP 08291260 A 20081231; AT 08291260 T 20081231; CN 200980153291 A 20091221; EP 2009009204 W 20091221; JP 2011543986 A 20091221; KR 20117017689 A 20091221; US 200913142103 A 20091221